

Maximum Load per Glass Filled Nylon Split Sprocket Based on Round Bore Size Range - lb (kg)														
No. of Teeth	Nom. Pitch Diameter		1 in - 1-3/16 in		1-1/4 in - 1-3/8 in		1-7/16 in - 1-3/4 in		1-13/16 in - 2 in		25 mm - 35 mm		40 mm - 50 mm	
	in	mm	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
18	5.7	145	300	135	340	155	400	180	540	245	240	110	410	185
21	6.7	170	225	102	275	124	350	158	500	226	175	79	400	181

Glass Filled Nylon Split Sprocket ^a													
No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes						
							U.S. Sizes		Metric Sizes				
							Round in ^b	Square in	Round mm ^b	Square mm			
18 (1.52%)	5.7	145	5.8	148	2.0	51	1 to 2 in 1/16 increments	1.5 2.5	25 to 50 in 5 increments	40 60			
21 (1.12%)	6.7	170	6.8	172	2.0	51	1 to 2 in 1/16 increments ^c	1.5 2.5	25 to 50 in 5 increments	40 60			

- a. Contact Customer Service for lead times.
- b. Imperial key sizes on round bore sprockets conform to ANSI standard B17.1-1967 (R1989) and metric key sizes conform to DIN standard 6885.
- c. Tight fit round bores are available in 1-1/4, 1-3/16, 1-1/2, and 1-7/16 in

Polypropylene Composite Split Sprocket ^a													
No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes						
							U.S. Sizes		Metric Sizes				
							Round in ^b	Square in	Round mm ^b	Square mm			
18 (1.52%)	5.7	145	5.8	148	2.0	51		1.5 2.5		40 60			
21 (1.12%)	6.7	170	6.8	172	2.0	51		1.5 2.5		40 60			
31 (0.51%)	9.9	251	10.1	257	2.0	51		3.5					

- a. Contact Customer Service for lead times.
- b. Imperial key sizes on round bore sprockets conform to ANSI standard B17.1-1967 (R1989) and metric key sizes conform to DIN standard 6885.

Polyurethane Composite Split Sprocket ^a													
No. of Teeth (Chordal Action)	Nom. Pitch Dia. in	Nom. Pitch Dia. mm	Nom. Outer Dia. in	Nom. Outer Dia. mm	Nom. Hub Width in	Nom. Hub Width mm	Available Bore Sizes						
							U.S. Sizes		Metric Sizes				
							Round in	Square in	Round mm	Square mm			
31 (0.51%)	9.9	251	10.1	257	1.50 1.67	38 44		3.5 2.5 ^b					

- a. Contact Customer Service for lead times.
- b. The 2.5" square bore is created by using a bore adapter in the 3.5" square bore sprocket.